



FIG. 1

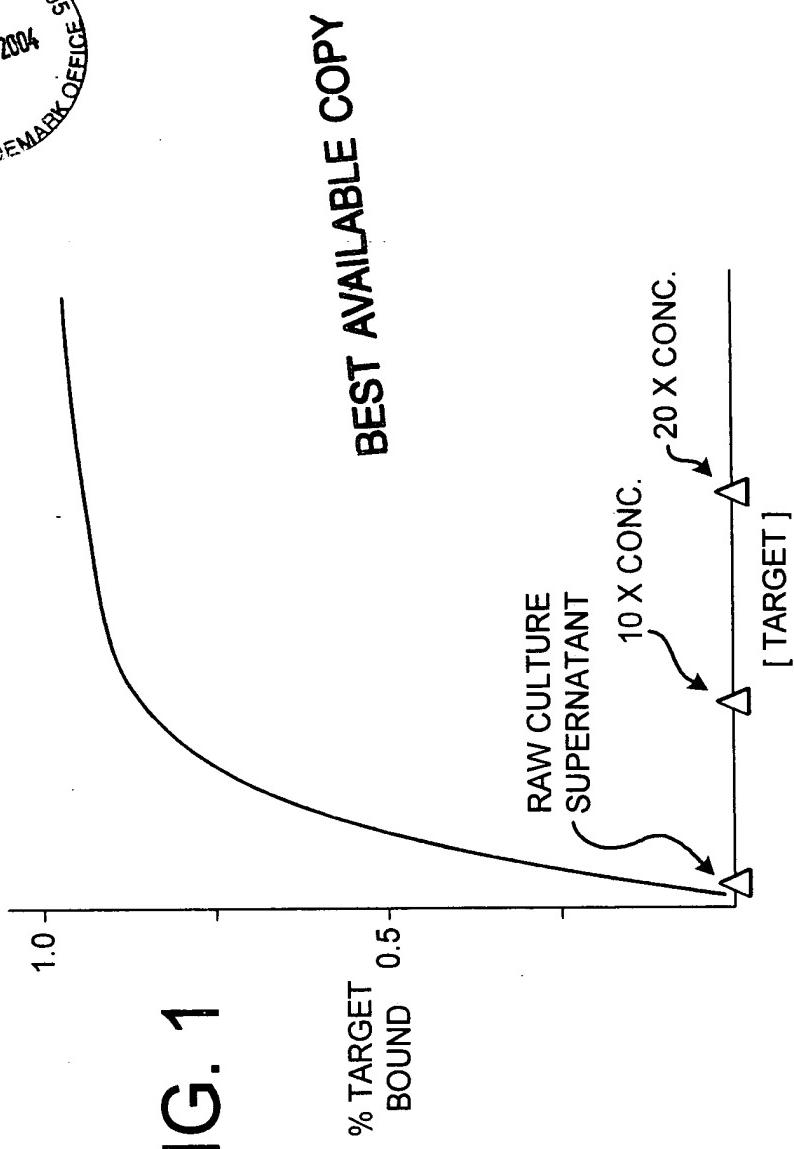
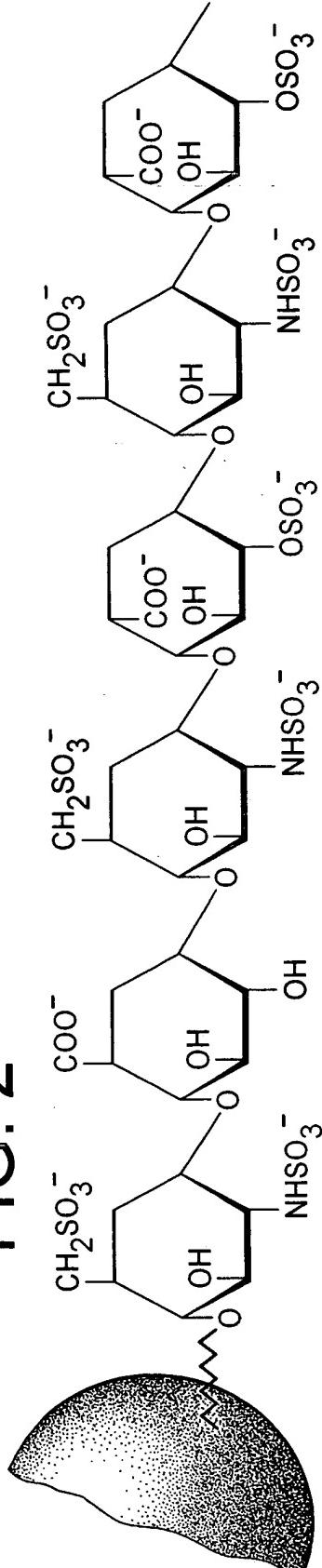
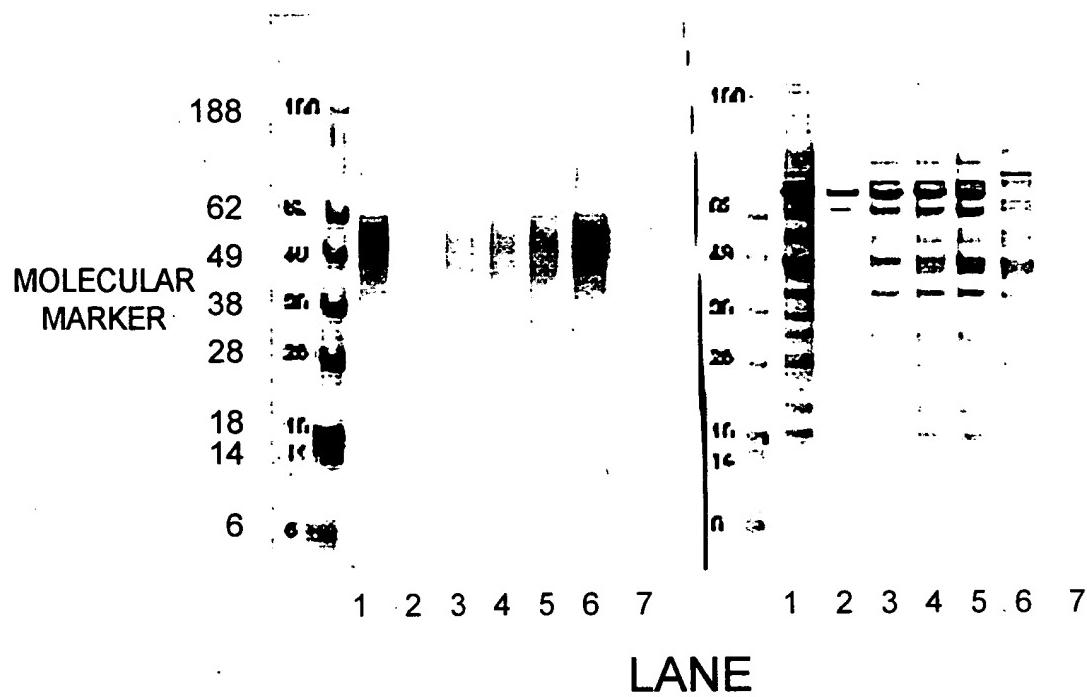


FIG. 2



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FIG. 3



1. CELL CULTURE SUPERNATANT
2. HEPARIN FLOW-THROUGH, 5% OF LOAD
3. HEPARIN FLOW-THROUGH, 38% OF LOAD
4. HEPARIN FLOW-THROUGH, 71% OF LOAD
5. HEPARIN FLOW-THROUGH, 100% OF LOAD
6. HEPARIN 500 mM NaCl ELUATE
7. HEPARIN 2M NaCl STRIP

FIG. 4

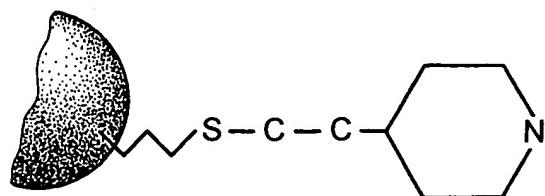


FIG. 5

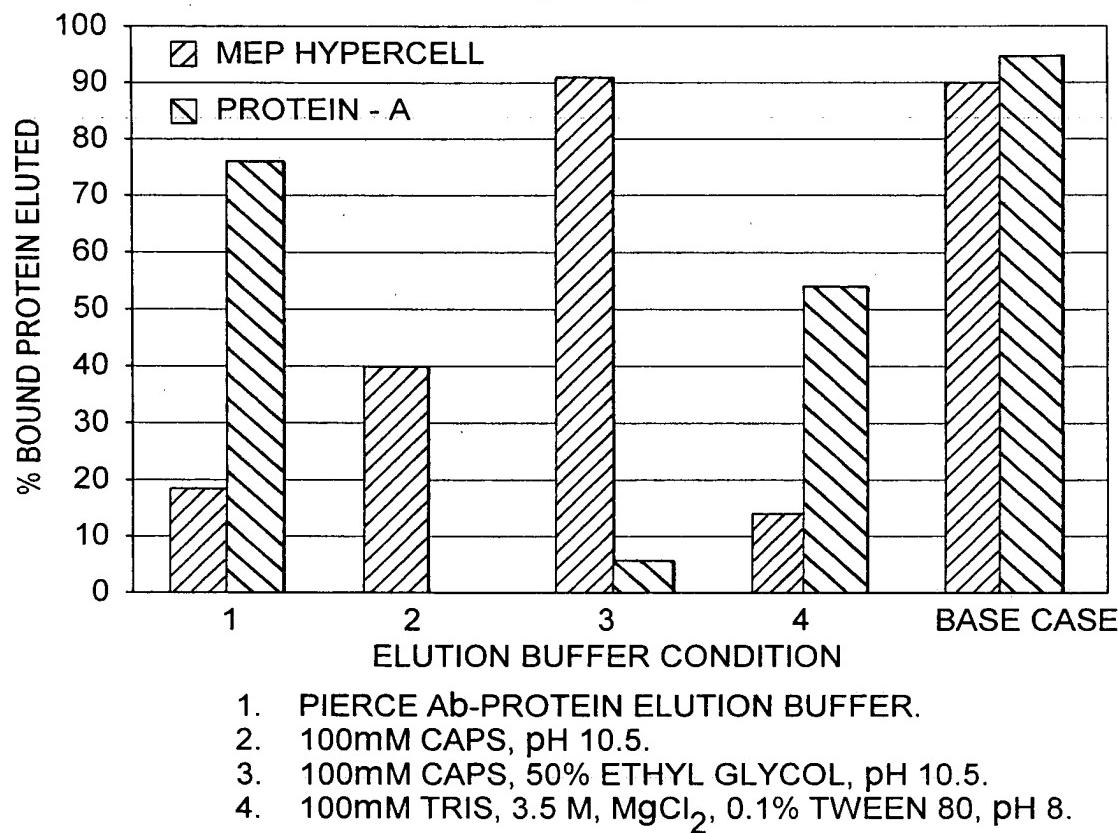
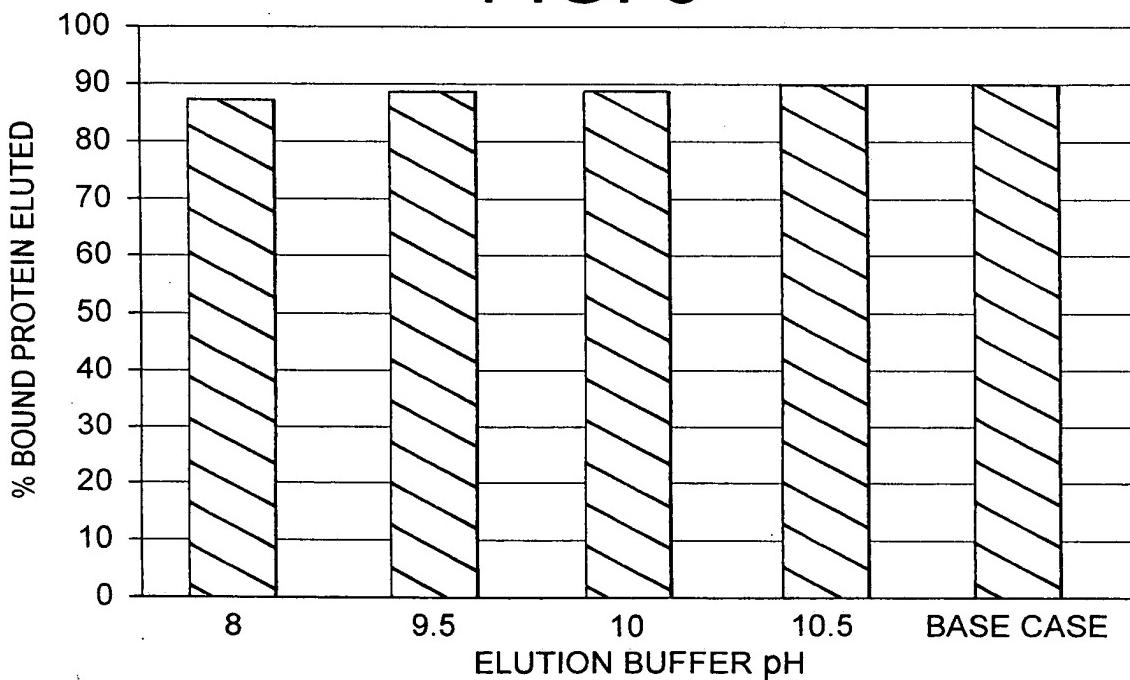
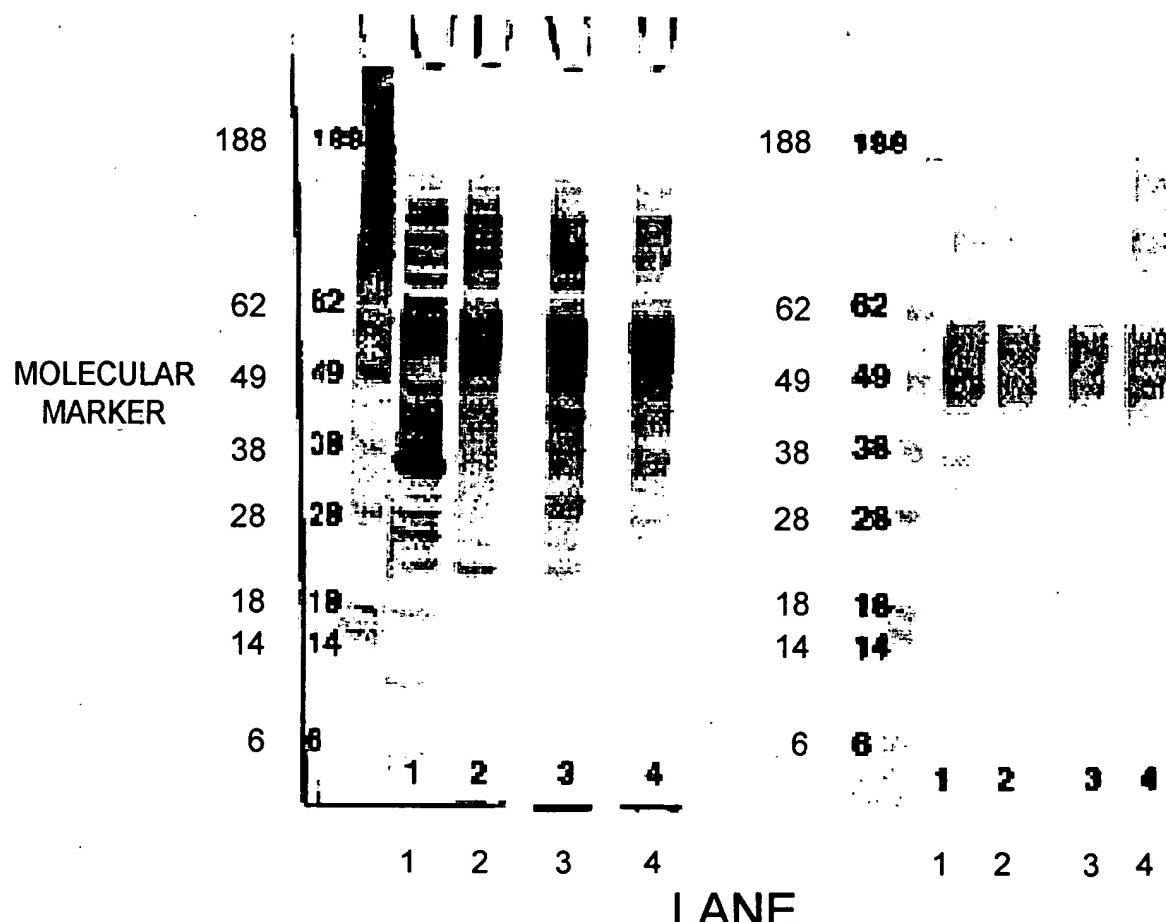


FIG. 6



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FIG. 7



1. CELL CULTURE SUPERNATANT
2. HEPARIN CONCENTRATION ELUATE
3. MEP HYPERCELL ELUATE
4. PROTEIN-A ELUATE